

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-345736

(43)Date of publication of application : 14.12.2001

(51)Int.Cl.

H04B 1/50  
H01P 1/15  
H01P 1/212  
H01P 1/213  
H03H 9/72

(21)Application number : 2000-170429

(71)Applicant : HITACHI LTD  
HITACHI MEDIA ELECTRONICS CO LTD

(22)Date of filing : 02.06.2000

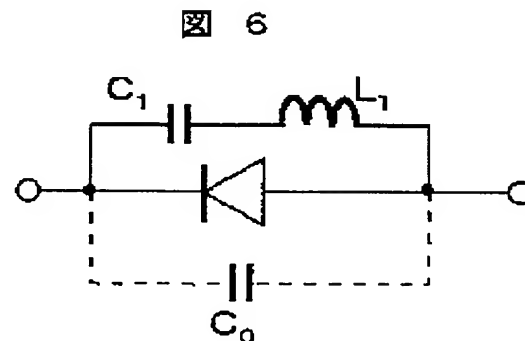
(72)Inventor : SHIBAGAKI NOBUHIKO  
HIKITA MITSUTAKA  
SAKIYAMA KAZUYUKI  
MATSUURA NAOKI

## (54) APPARATUS SHARING ANTENNA

## (57)Abstract:

PROBLEM TO BE SOLVED: To overcome the problem of a conventional apparatus sharing an antenna such that the occurrence of double higher-harmonic waves arising in a switching circuit during OFF is unavoidable, by the inside leakage of a high-output signal attendant upon the downsizing in a mobile radio terminal sharing an antenna.

SOLUTION: An optimum resonance circuit is constituted to suppress the occurrence of double higher harmonic waves, by adding C and L in parallel to a switching circuit on the side of a system relatively higher in frequency.



## LEGAL STATUS

[Date of request for examination]

04.03.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's  
decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of  
rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPY